

**INDUSTRY**  
FOOD**APPLICATION**  
SAUSAGE PROCESSING  
MACHINERY**PRODUCT**  
MEGAPOWER FC**SITUATION/APPLICATION**

The food industry is a dynamic and fast paced business. Belts and associated equipment for food processing are required to have food contact approved materials for use with any kind of food product or process. They must also be highly resistant to animal fats, vegetable and mineral oils, as well as many chemicals and be capable of handling clean-in-place wash-down procedures.

Modern production lines for sausage processing move at extremely high speed and acceleration. A belt must possess properties such as high flexibility and good grip to endure this demanding environment. Additionally, materials must meet all the food grade requirements of the locality where it is used.

**THE PROBLEM**

The Megadyne OEM team worked with a manufacturer of sausage processing machinery to solve their problem of short belt life. The application suffered frequent belt breakage and delamination due to the severe environment where the belt was exposed to material degrading animal fats and high pressure periodic wash-down maintenance of the equipment.

**THE SOLUTION**

Megadyne offered MEGAPOWER FC as a solution. The monolithic molded endless construction with no joints or seams to fail eliminated the breakage problem making MEGAPOWER FC ideal for this high acceleration, multi start-stop drive. Its high strength stainless steel cords transmit the power in this high speed process while resisting corrosion from frequent wash-downs. Its special industry preferred blue color, 88 Shore A thermoset urethane elastomer ensures a tough belt body construction that meets European regulation EU 1935/2004, EU10/2011 and EU174/2015; MEGAPOWER FC is made with FDA materials compliant to food regulations in a large sector of the global marketplace.

**THE RESULT**

The customer now enjoys the desired belt life expected in this application while meeting all of the food industry material requirements necessary for the many different geographical regions where the machinery is utilized. With its exceptional chemical resistance, good grip and high speed capability MEGAPOWER FC offers sausage processing applications a standard product which meets all food regulations while providing the reliable, consistent performance required in this demanding environment.

